

# VEROBOARD®

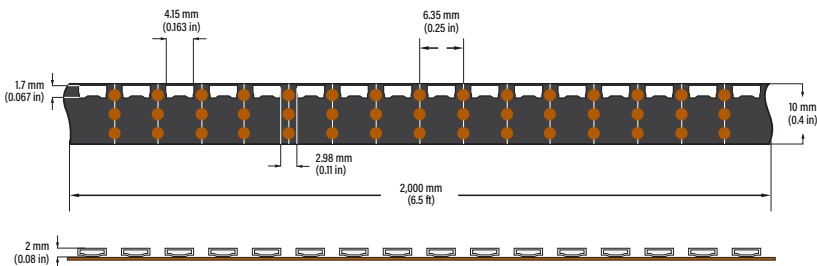
LED Type: VBDFS-4020-RGB-144-5-NS  
Colour: RGB (SK6812)



## DESCRIPTION

Flexible 10mm wide linear side-emitting digital LED strip. Available in 2 meters (78.7 inches) rolls that can be cut after every LED (6.9 mm or 0.27 in). The LED strip lights are manufactured with high-quality materials and designed for professional lighting. Each LED is addressable and has an integrated IC driver V6842, allowing you total control over the color of each RGB SMD. Moreover, each SMD has a built-in SK6812 Smart Control Circuit. It helps in making the RGB chip in the outer SMD into a fully controlled pixel. The strip light is an intelligent control LED light source integrated into the 4020 side-LED components. They are 144 RGB side-LEDs in a meter and need a 5V DC power supply.

## DIMENSIONS



## SPECIFICATIONS

Model:	VBDFS-4020-RGB-144-5-NS
Color Temperature:	RGB (SK6812)
LED Type:	4020 SMD
LED Qty:	144 LEDs per meter
Input Voltage (VF):	5V DC
Power:	14.4W per meter (4.5W/ft)
IC Driver:	V6842 (Built-in)
Lifespan:	>50,000 hours
PCB:	4oz PCB, Double-side, white colour 10mm width
IP Rating:	IP20 (Indoor use only)
Rendering Index (Ra):	CRI>95
Beam Angle:	120°
Dimmable:	Yes
Cut Size:	6.9 mm (0.27 inches)
Operating Temperature:	-40°C to +60°C
Dimensions:	2,000mm x 10mm (78.7in x 0.39in)
Certificates:	UL / RoHs
Roll Length:	2 meter roll (6.5 feet)

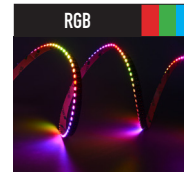
Contact Name: \_\_\_\_\_

Company: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

	Wattage
Per Foot	4.5W/ft
Per Meter	14.4W/m



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0.27 inch  
Cut Points



## ORDERING GUIDE

Example part number: **VBDFS - 4020 - RGB - 144 - 5 - NS**

MODEL	SERIES	COLOUR	LEDS/METER	VOLTAGE	LENGTH
VBDFS	4020	RGB	144	5V	XXXX

Custom Length  
NS (Full Roll 2 Meter)

For more information about our products and services, please visit our website: [www.veroboard.com](http://www.veroboard.com)